Title (en)

ROTOR FOR A CYLINDER LOCK AND METHOD FOR REALISING A ROTOR

Title (de)

ROTOR FÜR EIN ZYLINDERSCHLOSS UND VERFAHREN ZUR REALISIERUNG EINES ROTORS

Title (fr)

ROTOR POUR CYLINDRE DE SERRURE ET PROCÉDÉ DE RÉALISATION D'UN ROTOR

Publication

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Application

EP 19156458 A 20190211

Priority

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Abstract (en)

A rotor (1) for a cylinder lock (100), comprising: a main body (2) extending along a longitudinal direction (P); a seat (3) adapted to house a key; a locking element (7) movable between a locked configuration and a disengaged configuration; a plurality of rotating elements (8) arranged inside the main body (2) and in sequence with each other along said longitudinal direction (P). Each of the rotating elements (8) is able to rotate about its own axis of rotation (51) perpendicular to the longitudinal direction (P) during the insertion of the key inside the seat (3). Furthermore, each of the rotating elements (8) has a groove (13) to receive at least a portion of the locking element (7) to allow the latter to assume the disengaged configuration. The locking element (7) is movable between the locked condition and the disengaged condition along a work direction (52) parallel to the axis of rotation (51). A further object of the present invention application is a method for realising said rotor (1).

IPC 8 full level

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Citation (search report)
- [A] WO 2016210082 A1 20161229 - BAVER DEREK [US]
- [A] US 8448485 B1 20130528 - WIDEN BO [SE]
- [A] WO 8704749 A1 19870813 - WIDEN INNOVATION AB [SE]

Designated contracting state (EPC)

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